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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

TR	ANSMITTAL LETTER TO THE UNITED STATES	ATTTORNEY'S DOCKET NUMBER							
/ [DESIGNATED/ELECTED OFFICE (DO/EO/US)	U.S. ABPLICATION NO. (If known see 37 CFR 1.5)							
	ICERNING A SUBMISSION UNDER 35 U.S.C. 371	40/11/0//							
PCT/JP	TIONAL APPLICATION NO. INTERNATIONAL FILING DATE 03/007822 June 19, 2003	PRIORITY DATE CLAIMED June 20, 2002							
TITLE OF GaN SEM	TITLE OF INVENTION GaN SEMICONDUCTOR DEVICE								
APPLICANT(S) FOR DO/EO/US Osamu Goto, Osamu Matsumoto, Tomomi Sasaki, Masao Ikeda									
Applicant	herewith submits to the United States Designated/Elected Office (DO/Ed	O/US) the following items and other information:							
1.	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.								
2.	his is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
3.	This is an express request to begin national examination procedures (35 U.S.C. 3 (5), (6), (9) and (21) indicated below.	71(f)). The submission must include items							
4.	The US has been elected (Article 31).								
5. v	A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
	a. is attached hereto (required only if not communicated by the International Bureau).								
	b. has been communicated by the International Bureau.								
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).								
	a. is attached hereto.	•							
	has been previously submitted under 35 U.S.C. 154(d)(4).								
7.	nendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))								
	a. are attached hereto (required only if not communicated by the International Communicated Commun	ational Bureau).							
	b. have been communicated by the International Bureau.								
	c. have not been made; however, the time limit for making such amend	ments has NOT expired.							
	d. LJ have not been made and will not be made.								
8. [_]	An English language translation of the amendments to the claims under PCT A	rticle 19 (35 U.S.C. 371(c)(3)).							
9.	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10.	An English language translation of the annexes of the International Preliminary Article 36 (35 U.S.C. 371(c)(5)).	Examination Report under PCT							
Items	11 to 20 below concern document(s) or information included:	4							
11. 🗹	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.								
12.	An assignment document for recording. A separate cover sheet in compliance was	vith 37 CFR 3.28 and 3.31 is included.							
13.	A preliminary amendment.								
14.	An Application Data Sheet under 37 CFR 1.76.								
15.	A substitute specification.								
16.	A power of attorney and/or change of address letter.								
17.	A computer-readable form of the sequence listing in accordance with PCT Rule	13ter.2 and 37 CFR 1.821- 1.825.							
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).							
19.	A second copy of the English language translation of the international application	n under 35 U.S.C. 154(d)(4).							
I	Other items or information: Letter Under 37 C.F.R. §1.41(c)								

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DT05 Rec'd PCT/PT0 1 3 DEC 2004.

PTO-1390 (Rev. 12-2004)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.						ATTORNEY'S DOCKET NUMBER			
10/517877 PCT/JP03/007822						075834.00402			
	ng fees are submitted:	<i>y</i> , ,							
	itional fee		\$	-					
b) Examin	ation fee	\$200.00	\$						
c) Search f	ee	\$							
	TOTAL OF ABOVE CA	\$ 1,000.00							
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each									
additional 50 sheets of paper or fraction thereof.									
Total Sheets	Extra sheets	Extra sheets Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	<u></u>				
4 - 100 =	0 /50 =				x \$250.00	\$ 0.00			
	30.00 for furnishing the odate (37 CFR 1.492(e)).	e earliest	\$ 0.00						
CLAIMS	NUMBER FI	LED	NUMBER EXTRA		RATE	\$			
Total claims	10	- 20 =	0	×	\$50.00	\$ 0.00			
ndependent clai	ms 1	- 3 =	0	×	\$200.00	\$ 0.00			
ULTIPLE DEP	ENDENT CLAIM(S) (if a	oplicable)		+	\$360.00	\$ 0.00			
			TOTAL OF ABOV	E CALC	ULATIONS =	\$ 1,000.00			
Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.						\$ 0.00			
		SUBTOTAL =	\$ 1,000.00						
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).						\$ 0.00			
		\$ 1,000.00							
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						\$ 0.00			
		NCLOSED =	\$ 1,000.00						
						Amount to be refunded:	\$		
						Amount to be charged:	\$		
. A chec	ck in the amount of \$	1,00	00.00 to cover the ab	oove fee:	s is enclosed.				
	charge my Deposit Acci		in the amount of	f \$	to co	ver the above fees.			
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit t Account No. 50-1794. A duplicate copy of this sheet is enclosed.									
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
IOTE: Where a	n appropriate time limit	under 37 C	FR 1.495 has not been m			(37 CFR 1.137(a) or (b)	must be filed		
and granted to restore the International Application to pending status.									
SEND ALL CORRESPONDENCE TO:									
Customer No. 33448									
Robert J. Depke									
				2	7,607				
REGISTRATION NUMBER									



Tel 312 263 3600 Fax 312 578 6666 10/517877 DT ec'd PCT/PTO 13 DEC 2004

131 South Dearborn Street, 30th Floor Chicago, IL 60603 www.hklaw.com

"Express Mail" Mailing Label Nymber EV573183541US

Date of Deposit:

I hereby certify that this correspondence is being deposited with the United States Postal "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Patent Application entitled:

GaN SEMICONDUCTOR DEVICE

Inventor(s):

Osamu Goto et al.

Our Case No.

075834.00402

Transmittal Letter to the United States Designated/Elected Office Concerning a Filing Under 35 U.S.C. 371 (PTO-1390), Preliminary Amendment, English Translation of International Application as filed (41 pages), formal drawings (13 pages, Figs. 1A-13B), Letter Under 37 C.F.R.§1.41(c), Un-Executed Oath and Declaration (3 pages), Information Disclosure Statement, PTO/SB/08A, International

Search Report and cited references.

Government filing fee

\$1,000

Post Card

Signature of person mailing application and fee

10/517877

Holland+Knight

Tel 312 263 3600 Fax 312 578 6666 Holland & Knight LLP 131 South Dearborn Street, 30th Floor Chicago, IL 60603 www.hklaw.com

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Dec 13,2004

ROBERT J. DEPKE 312-422-9050 Internet address: robert.depke@hklaw.com

VIA EXPRESS MAIL NO. EV573183541US

Mail Stop PCT Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Re:

Osamu Goto et al. application for United States Patent Application under the Patent Cooperation Treaty entitled: GaN SEMICONDUCTOR DEVICE

Our Case No. 075834.00402

Dear Sir:

Under the provisions of 37 CFR §1.41(c) I hereby file the attached application including 10 claims and 13 sheets of drawings on behalf of Osamu Goto et al., and request that this application be assigned a serial number and filing date pursuant to the provisions of 37 CFR §1.53(b) and (d).

Very truly yours,

Holilmyd & Knight LL(

RJD/mrs Encl. Robert J. Depke